

Amendments to the Drawings:

The attached replacement sheets of drawings include changes to Figs. 2A, 8A, 8B, 8C, and 16 and replace the original sheets including Figs. 2A and 2B, Figs. 8A, 8B, and 8C, and Figs. 16 and 17.

In Figs. 2A, 8A, 8B, 8C, and 16, the following enumerated changes shown in the Examiner's August 10, 2005 Amendment have been incorporated:

- (1) the "Front End Power Processor" label has been added to Box 22 in Fig. 2A;
- (2) the "Multiple Output Power Regulator" label has been added to Box 62 in Fig. 8A;
- (3) the "Power Converter" label has been added to Boxes 63a, 63b, and 63c in Fig. 8B;
- (4) the "Regulator" label has been added to Boxes 66a, 66b, and 66c in Fig. 8C; and
- (5) the "Rectifier and Conditioner" label has been added to Box 112 in Fig. 16.

Additionally, in Fig. 8C, applicants propose to change reference designations 66a, 66b, and 66c to 67a, 67b, and 67c as shown in the attached annotated sheet. The change is to correct a clerical error resulting in the double use of reference designations, 66a, 66b, and 66c. (Compare Figs. 7 and 8C). Corresponding amendments are being made to the specification in the paragraph beginning at page 22, line 22.

Attachments following last page of this Amendment:

Replacement Sheet (3 pages)
Annotated Sheet Showing Changes (1 page)

REMARKS

Applicant thanks the examiner for the August 4, 2005 interview with the undersigned attorney during which (1) the examiner's amendments to claims 1, 4, and 92, (2) the claim amendments and arguments presented in the July 13, 2005 amendment, (3) the March 15, 2005 final office action, (4) the independent claims, and (5) the cited Steigerwald patents were discussed. Agreement was reached on amendments to claim 1, 4, and 92 and the patentability of all of the independent claims.

Applicant agrees to the examiner's amendments to claims 1, 4, and 92 and to Figs. 2A, 8A, 8B, 8C, and 16. Replacement formal drawings are submitted herewith incorporating the examiner's amendments to the figures and applicant's proposed amendments to Fig. 8C (discussed below) in the event the examiner should find the proposed changes acceptable.

Applicant proposes to amend Fig. 8C as shown in the attached annotated drawing to change reference designations 66a, 66b, and 66c to 67a, 67b, and 67c, respectively. The amendment is presented to correct a clerical error in which reference designations 66a, 66b, and 66c were used twice, first in connection with Fig. 7 and subsequently in connection with Fig. 8C. An annotated copy of Fig. 8C showing the proposed changes is attached hereto.

The paragraph beginning at page 22, line 22 of the specification is being amended to reflect the change in reference designations from 66a, 66b, and 66c to 67a, 67b, and 67c, respectively, in Fig. 8C.

The paragraph beginning at page 37, line 25 of the specification is being amended to correct a clerical error obvious to one of ordinary skill in the art. The inductive impedance is mistakenly presented as a reciprocal, $Z_L = 1/(2\pi * f_R * L_R)$, of the correct formula, $Z_L = 2\pi * f_R * L_R$. One of ordinary skill in the art would appreciate the error and know the correct formula for an inductive impedance.

No new matter has been added.

Applicant : Patrizio Vinciarelli
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Applicant requests entry of the above amendments prior to issuance. No fees are believed to be due, however, please apply any other charges or credits to Deposit Account No. 06-1050, referencing attorney docket 00614-136002.

Respectfully submitted,



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FIG. 8A

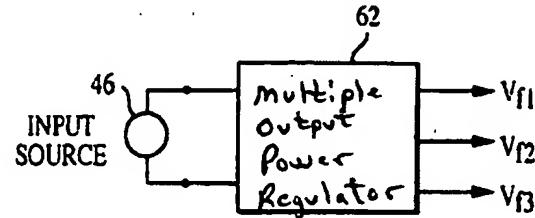


FIG. 8B

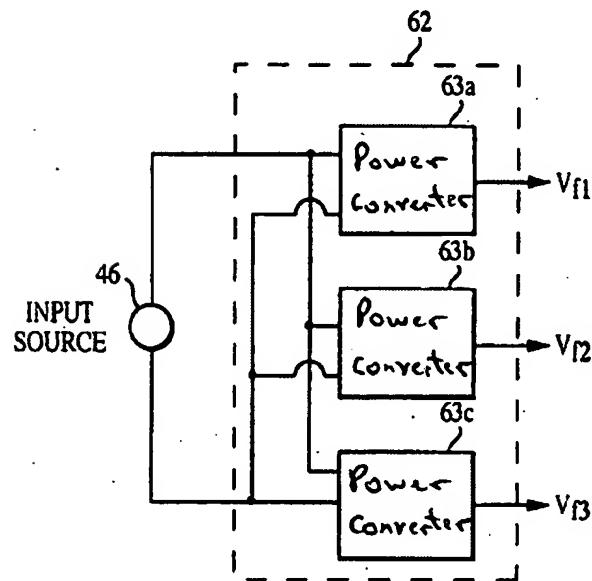


FIG. 8C

